

6.0 General and Cited Protocol References

- (Acton 2000) M.R., Hankinson, G., Ashworth, B.P., Mohsen Sanai and James D. Colton, "A Full Scale Experimental Study of Fires Following the Rupture of Natural Gas Transmission Lines," ASME Conference Proceedings, 2000.
- (AIChE 1995) Design Institute for Physical Property Data (DIPPR), American Institute of Chemical Engineers (AIChE), given in DIPPR computer software, Version March 1995, Technical Database Services, Inc.
- (ASME 2002) B31.8S 2001, Supplement to B31.8 on Managing System Integrity of Gas Pipelines. ASME International, New York, New York, January 31, 2002.
- (Baker 1983) Baker, W. E., P. A. Cox, P. S. Westine, J. J. Kulesz, and R. A. Strehlow. *Explosion Hazards and Evaluation*. Elsevier Scientific Publishing Company, Amsterdam – Oxford – New York, 1983.
- (Bass-Trigon 2002) Bass Trigon Software, (web site: <http://www.bass-trigon.com>) (2002).
- (Boucher 1963) Boucher, D.F. and G.E. Alves, "Fluid and Particle Mechanics," in *Chemical Engineers' Handbook*, 4th ed., R. H. Perry, C.H. Chilton, and S.D. Kirkpatrick, eds., McGraw-Hill, New York, 1963.
- (CGS 2007) California Geologic Survey, Personnel Communication from CGS representative to California Department of Education representative, by e-mail, February 16, 2007.
- (CPUC 2000) California Public Utilities Commission (CPUC) web site, <http://www.cpuc.ca.gov>, 2000.
- (CSFM 2002) California State Fire Marshall's Office. Personal Communication, March 2002.
- (CCPS 1989) Center for Chemical Process Safety (CCPS), *Guidelines for Chemical Process Quantitative Risk Analysis*, American Institute of Chemical Engineers, New York, New York, 1989.
- (CCPS 1992) Center for Chemical Process Safety (CCPS), *Guidelines for Hazard Evaluation Procedures*, American Institute of Chemical Engineers, New York, 1992.

- (CCPS 1993) Center for Chemical Process Safety (CCPS), *Guidelines for Chemical Transportation Risk Assessment*, American Institute of Chemical Engineers, New York, 1995.
- (CCPS 1994) Center for Chemical Process Safety (CCPS), *Guidelines for Evaluating the Characteristics of Vapor Cloud Explosions, Flash Fires, and BLEVES*, American Institute of Chemical Engineers, New York, 1994.
- (CCPS 1996) Center for Chemical Process Safety (CCPS), *Guidelines for Evaluating Process Plant Buildings for External Explosions and Fires*, American Institute of Chemical Engineers, New York, New York, 1996.
- (Crocker 1988) Crocker, W.P. and D.H. Napier, "Mathematical Models for the Prediction of Heat radiation from Jet Fires," I. Chem. E. Symposium Series No. 110:331-347, 1988.
- (de Nevers 1991) de Nevers, Noel, *Fluid Mechanics for Chemical Engineers*, Second Edition, McGraw-Hill, Inc., 1991.
- (Eltgroth, 1995) Eltgroth, Mark W., "CHARM[®] Emergency Response System Technical Reference Manual," Radian Corporation, September 1995.
- (FEMA 1989) FEMA, DOT, and EPA, *Handbook of Chemical Hazards Analysis Procedures*, US Environmental Protection Agency, US Department of Transportation, and the Federal Emergency Management Agency, 1989.
- (GRI 2000) Gas Research Institute, *A Model for Sizing High Consequence Areas Associated with Natural Gas Pipelines*, GRI-001 0189, October 2000.
- (Greenwood 1997) Greenwood, B., L. Seeley, and J. Spouge, "Risk Criteria for Use in Quantitative Risk Analysis," in CCPS, International Conference and Workshop on Risk Analysis and Process Safety, October 21-24, 1997, Atlanta, Georgia, American Institute of Chemical Engineers, New York, New York, 1997, pp. 29-40.
- (Haklar 1999) Haklar, J.S. and Dresnak, R., New Jersey Institute of Technology (Re: Natural gas fire modeling, exact title unknown), Journal of Pipeline Safety, Autumn, 1999.
- (HSE 1986) HSE, "The Effect of Explosions in the Process Industries," *Loss Prevention Bulletin*, 68:37-47, Health & Safety Executive (HSE), 1986.

- (HSE 1979) HSE, *Second Report Advisory Committee Major Hazards*, U.K. Health and Safety Commission, Health & Safety Executive (HSE), 1979.
- (Lees 1996) Lees, Frank P., *Loss Prevention in the Process Industries*, Second Edition, 1996.
- (Liepmann1967) Liepmann, H. W. and A. Roshko. *Elements of Gas Dynamics*. John Wiley & Sons, Inc., New York – London – Sydney, 1967.
- (McAllister 1993) McAllister, E.W. (ed), *Pipeline Rules of Thumb Handbook*, Gulf Publishing Co., Houston, Texas, 1993, pp. 497-501.
- (Muhlbauer 1996) Muhlbauer, W.K., *Pipeline Risk Management Manual*, Second Edition, Gulf Publishing Co., Houston, TX, 1996.
- (Muhlbauer 2004) Muhlbauer, W.K., *Pipeline Risk Management Manual*, Third Edition, Gulf Publishing Co., Houston, TX, 2004.
- (NCDC) National Climatic Data Center (NCDC) web site, <http://lwf.ncdc.noaa.gov/oa/ncdc.html>.
- (NFPA 1984) NFPA, “Fire Hazard Properties of Flammable Liquids, Gases and Volatile Solids”, NFPA 325M, National Fire Protection Association, Batterymarch Park, Quincy MA, 1984.
- (Radian 1995) Radian International, CHARM® Technical Manual, 1995.
- (SBC 1999) Santa Barbara County, “Public Safety Thresholds”, August 17, 1999.
- (SRI 2002) Stanford Research Institute, Personal Communication, May, 2002.
- (Taylor 1946) Taylor, G. I., “The Air Wave Surrounding an Expanding Sphere.” Proceedings Roy. Soc., pp. 273-292, 1946.
- (USDOC 2000) U.S. Department of Commerce (US DOC), “Heat radiation from Large Pool Fires” NISTIR 6546, Fire Safety Engineering Division Building and Fire Research Laboratory, November 2000.
- (DOT-OPS) United States Department of Transportation Office of Pipeline Safety (DOT-OPS), Gas Pipeline Incident Database, 1984-2001, and Hazardous Liquid Incident Database, 1986-2001.
- (DOT-OPS 2000) United States Department of Transportation Office of Pipeline Safety (DOT-OPS), 2000 Annual Reports for Natural Gas Transmission and Distribution Pipeline Operators.

- (EPA 1990) United States Department Of Transportation, Research and Special Programs Administration, 49 CFR Part 192, [Docket No. RSPA-00-7666; Amendment 192-95] RIN 2137-AD54, Pipeline Safety: *Pipeline Integrity Management in High Consequence Areas (Gas Transmission Pipelines)*, ACTION: Final rule.
- (EPA 1990) United States Environmental Protection Agency (EPA), *Evaluation of Dense Gas Simulation Models*, Draft, EPA 450/4-90, United States Environmental Protection Agency, September 1990.
- (EPA 1999a) United States Environmental Protection Agency (EPA), *Risk Management Program Guidance for Offsite Consequence Analysis (OCAG)*, EPA 550-B-99-009, United States Environmental Protection Agency, April 1999.
- (EPA 1999b) United States Environmental Protection Agency (EPA), TANKS 4.09b, computer program. US Environmental Protection Agency, September 1999.
- (EPA 2006a) United States Environmental Protection Agency (EPA), ALOHA® (Areal Locations of Hazardous Atmospheres), User's Manual, United States Environmental Protection Agency, Office of Emergency Management, Washington, D.C. and National Oceanic and Atmospheric Administration, Office of Response, Seattle, Washington, February 2006
- (EPA 2006b) United States Environmental Protection Agency (EPA), Download of ALOHA, Version 5.4, <http://www.epa.gov/ceppo/cameo/request.htm>. Accessed September 2006.
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Special State of California regulatory agency contacts: See Appendix G.